Index of Claims

10/624,519

Examiner

Applicant(s)

KOTHA ET AL.

Art Unit

Marie Patterson

3728

| √ | Rejected | _ | Τ) |
|---|----------|---|----|
| = | Allowed  | + |    |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla         | aim      |              |            |                               |  | Dat  | е  |              |                 |   | 1  | Cla  | im       |          |              |                | į.       | Date      | )        |          |                 |          | CI       | aim      |                 |               |         | Dat                           | е            |                 |          |          |
|-------------|----------|--------------|------------|-------------------------------|--|--|--|--------------|-----------------|---|----|--|----------|----------|--------------|----------------|----------|-----------|----------|----------|-----------------|----------|----------|----------|-----------------|---------------|---------|-------------------------------|--------------|-----------------|----------|----------|
|             | = ,      | 11/18/11/    | <b>y</b> _ | Τ                             | Γ                                      | Γ  | [  |              |                 |   |    |  | 1        | 10/8/    | 1            |                |          |           |          |          |                 |          |          |          |                 |               |         |                               | Ì            |                 |          |          |
| Final       | Original |              | 1          |                               |  |  |  |              |                 |   |    | Final  | Original | 0        | ļ            |                |          | 1         |          |          |                 |          | Final    | Original |                 |               | 1       |                               | ļ            | ll              |          | .        |
| 년           | Ē        | 14           | 3          |                               |  |  |  |              |                 |   |    | ᇤ  | rìg      | [4       | 1            |                |          |           |          |          |                 |          | 년        | Ē        |                 | - 1           |         |                               |              |                 |          |          |
|             | 0        | 3            | *          | ١.                            | į.                                     | l.   |  |              |                 |   |    |  | 0        | 11       | 1            | ļ .            |          |           |          |          |                 | ŀ        | -        | O        | -               |               | ł       |                               |              | - 1             | -        |          |
| <u> </u>    | 1        | 7            | 4-         | ╁                             | ╁                                      | ╁╌   | ╁  | ┝            | Н               |   |    | -  | 51       |          | ┌            | -              | Н        |           |          | $\neg$   | -               | $\dashv$ |          | 101      | Н               | +             | +       | ╁                             | H            | $\vdash$        | $\dashv$ | $\dashv$ |
|             | 2        | <del> </del> | ╁╌         | ╁╴                            | ╁                                      | ╁  | ⊢  |              | $\vdash$        |   |    | -  | 52       | -        | ╁            | -              |          |           |          |          | -               | $\dashv$ | -        | 102      | H               | +             | +-      | ╁                             | ┢╌           | $\vdash$        |          |          |
| <u> </u>    |          | Н            | ╁          | ╁                             | ╁                                      | 1  | $\vdash$   |              | Н               |   | ١. | -  | 53       | +        | ╁            |                | Н        | =         | $\dashv$ |          | $\dashv$        |          |          | 103      | $\vdash$        | +             |         | ╁                             | ├            | $\vdash$        | $\dashv$ | $\dashv$ |
|             | 3        | Н            | ╀          | ╁                             | ⊢                                      | ⊢  | ⊢  | -            | $\vdash \vdash$ |   |    |  |          | +        | ├            | <del> </del> — | Н        |           | ᅴ        | $\dashv$ | -+              |          |          | 103      | Н               | -             | +-      | ╀                             | ⊢            | ┝╌┼             | $\dashv$ | _        |
|             | 4        | Н            | ┼          | ╄                             | ╄                                      | ╄  | ┡  | _            | $\sqcup$        |   |    |  | 54       | 1        | ┞            | <u> </u>       | _        | _         |          |          |                 |          |          | 104      | $\vdash \dashv$ | _             | +       | ╄                             | <u> </u>     | $\vdash \vdash$ | $\dashv$ |          |
|             | 5        | Н            | ╄          | ╄                             | ــــــــــــــــــــــــــــــــــــــ | _  | _  |              | $\sqcup$        |   |    |  | 55       | 4        | ┡            | _              | Ш        |           | _        |          | $\dashv$        | _        |          | 105      | Ш               |               | 4_      | _                             | _            | $\sqcup$        | _        |          |
|             | 6        | Ц            | ┸          | ┞.                            | L                                      | <u> </u>   |  |              | Ш               |   |    |  | 56       | _        | ٠            |                | Ш        |           | 4        |          | _               | _        |          | 106      | Ш               |               | ┵       | _                             | <u> </u>     | $\sqcup$        |          |          |
|             | 7        | Ц            | $\perp$    | $\perp$                       | <u> </u>                               | $oxed{oxed}$                                     |  |              | Ш               |   | ŀ  |  | 57       |          |              | L              |          |           |          |          | $\perp$         | _        |          | 107      | Щ               |               |         | <u> </u>                      | <u> </u>     | Ш               |          | ٠        |
|             | 8        | Ш            | ┖          |                               |  |  |  |              |                 |   |    |  | 58       |          |              | Ŀ              |          |           |          |          |                 |          |          | 108      | Ш               |               |         |                               | <u> </u>     |                 |          |          |
|             | 9        | П            |            |                               |  |  |  |              |                 |   |    |  | 59       |          |              |                |          |           |          |          |                 | )        |          | 109      |                 | 1             |         |                               |              |                 |          |          |
|             | 10       | П            | Т          | Г                             | П                                      |  |  |              |                 |   |    |  | 60       |          |              |                |          |           |          |          |                 | $\neg$   |          | 110      |                 |               |         | Τ                             | Γ            |                 |          |          |
|             | 11       | Π            | Τ          |                               | Т                                      | П  |  |              | П               |   |    |  | 61       |          |              |                | П        |           |          |          | $\Box$          | $\neg$   |          | 111      |                 |               |         | Τ                             | Г            | П               |          |          |
|             | 12       | IT           | 1          |                               | Т                                      | Т  |  | П            | $\Box$          |   |    |  | 62       |          |              | Г              | П        |           |          | $\dashv$ | $\Box$          | $\neg$   |          | 112      | H               | $\neg$        | Ť       | $\top$                        | П            | П               | $\neg$   | $\neg$   |
|             | 13       | ΙT           | 1          |                               | T                                      | $\top$   |  | П            | $\Box$          |   |    |  | 63       | $\dashv$ | T            |                | П        |           |          |          | $\neg$          | $\dashv$ |          | 113      | Н               |               | T       | T                             | T            | $\Box$          |          | $\neg$   |
|             | 14       | H            | +          | t                             | T                                      | t  | T  |              | $\vdash$        |   |    |  | 64       | 1        | <u> </u>     | $I^-$          |          |           | $\dashv$ | $\neg$   | $\vdash$        | $\dashv$ |          | 114      | H               | $\neg \vdash$ | †       | 十                             | <del> </del> | $\vdash$        |          |          |
| <u> </u>    | 15       | H            | +          | T                             | †                                      | $\vdash$   | Т  |              | $\vdash$        |   |    | $\vdash$   | 65       | $\dashv$ | T            | $\vdash$       | Н        | $\vdash$  | -        | $\dashv$ | $\vdash$        |          |          | 115      | $\vdash \vdash$ | $\dashv$      | +       | $\vdash$                      | Н            | $\vdash$        | $\dashv$ | $\dashv$ |
| <del></del> | 16       | H            | +-         | +                             | $\vdash$                               | +-   | <del>                                     </del> |              | $\vdash$        |   |    | <b></b>  | 66       | +        | $\vdash$     | $\vdash$       | Н        | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$ | 116      | $\vdash \vdash$ | +             | +       | +                             | $\vdash$     | $\vdash$        | $\dashv$ | —        |
|             | 17       | H            | +          | +                             | $\vdash$                               | +  | $\vdash$   | $\vdash$     | $\vdash$        |   |    | <del>                                     </del> | 67       | +        | ╁            | -              | H        | $\vdash$  | $\dashv$ | $\dashv$ | $\vdash$        | $\dashv$ | -        | 117      | H               | +             | +       | +                             | ┢            | $\vdash$        |          | $\dashv$ |
| <u> </u>    | 18       | H            | +-         | ╁                             | ╁                                      | <del> </del>                                     | $\vdash$   | Н            | $\vdash$        |   |    |  | 68       | +        | ├-           | $\vdash$       | Н        |           |          |          |                 | $\dashv$ | -        | 118      | $\vdash$        | +             | +       | ╁                             | $\vdash$     | $\vdash$        | -        | $\dashv$ |
|             |          | Н            | +          | ╀                             | ₩                                      | ╁  | ⊢  |              | $\vdash$        | - |    |  | 00       | +        | $\vdash$     | <u> </u>       | -        | -         | $\dashv$ | _        | $\vdash$        | $\dashv$ | -        | 110      | $\vdash$        | +             |         | ╀                             | ⊢            | $\vdash$        | $\dashv$ | _        |
|             | 19       | Н            | +-         | ╀                             | -                                      | -  | -  |              |                 | _ |    |  | 69       | 4        | ⊢            | <u> </u>       |          |           |          |          |                 |          |          | 119      | $\vdash$        |               | +       | ╀                             | <u> </u>     | $\vdash \vdash$ | -        | _        |
|             | 20       | Н            | Џ          | ₩.                            | ╄-                                     | ļ.,  | ₩.   |              | -4              |   |    |  | 70       | 4        | <u> </u>     | <u> </u>       |          |           |          |          |                 |          |          | 120      | -               |               | +       | +                             | ļ_           | $\vdash \vdash$ | _        | _        |
| ļ           | 21       | Ц            | $\perp$    | ╙                             | ╙                                      | ┞-   | $\vdash$   |              | $\sqcup$        |   |    |  | 71       | Ш        | ļ            | <u> </u>       |          | _         | $\dashv$ |          | -               | _        |          | 121      | $\sqcup$        |               | _       | ╄                             | _            | Ш               | _        | _        |
|             | 22       | Ц            | ╄          | ╙                             | ╙                                      | _  | <u> </u>   |              |                 |   |    |  | 72       | 4        | <u> </u>     |                |          | _         | _        |          | $\dashv$        | _        |          | 122      | Ш               |               |         | <u> </u>                      |              | Ш               | _        |          |
|             | 23       | Ц            | 上          | <u> </u>                      | ┖                                      | <u> </u>   | _  |              |                 |   |    |  | 73       | Щ        | 乚            |                |          |           | _        |          | _               |          |          | 123      | Ш               |               |         | $oldsymbol{\perp}$            | <u> </u>     | $\sqcup$        | _        |          |
|             | 24       | Ц            | ╄          | ╙                             | ↓_                                     | <u> </u>   |  | $oxed{oxed}$ | Щ               |   |    | <u> </u>   | 74       | Щ        | ╙            |                |          |           | _        |          | _               | _        | <u> </u> | 124      | Щ               |               |         | $oldsymbol{oldsymbol{\perp}}$ | ļ            |                 | _        |          |
|             | 25       | Ц            | ┸          | <u> </u>                      | ╙                                      |  |  |              |                 |   |    |  | 75       | Щ        | <u> </u>     | _              |          |           |          |          |                 | _        |          | 125      |                 |               |         | 丄                             | ļ            | Ш               |          |          |
|             | 26       | Ш            | ┖          |                               | L                                      |  | L  |              | Ш               |   |    |  | 76       | Ш        |              |                |          |           |          |          |                 |          |          | 126      | Ш               |               |         | 上                             |              |                 | _        |          |
|             | 27       | Ш            | 上          | 丄                             | 乚                                      | _  |  |              |                 |   |    |  | 77       | L        |              |                |          |           |          |          |                 |          |          | 127      | Ш               |               | 丄       |                               |              | Ш               |          |          |
|             | 28       | Ш            | 1_         | Ŀ                             | L                                      | L  |  |              |                 |   |    |  | 78       |          | L            |                |          |           |          |          |                 |          | L        | 128      |                 |               | Ш.      |                               |              |                 |          |          |
|             | 29       | П            |            |                               | Π                                      |  |  |              |                 |   |    |  | 79       | Т        |              |                |          |           |          |          |                 |          |          | 129      |                 |               | Т       |                               |              | П               |          |          |
|             | 30       | П            | Т          |                               |  |  |  |              |                 | , |    |  | 80       | Т        |              |                |          |           |          |          |                 |          |          | 130      |                 |               |         |                               |              | П               |          |          |
|             | 31       | П            | Т          | Ī                             |  | Π  | П  |              |                 |   |    |  | 81       | Т        | Π            |                |          |           |          |          |                 | $\neg$   |          | 131      |                 |               | Т       | Π                             |              | П               |          |          |
|             | 32       | П            |            |                               |  |  |  |              |                 |   |    |  | 82       | 1        |              |                |          |           |          |          |                 | $\neg$   |          | 132      |                 |               | Т       | Π                             |              |                 |          |          |
|             | 33       | IT           | 1          | 1                             | Т                                      | T  |  |              | $\Box$          |   |    |  | 83       |          | T            | Г              |          |           | $\neg$   |          |                 | 7        |          | 133      |                 |               | 1       | 1                             | 1            | Ħ               |          |          |
|             | 34       | rt           | 1          | T                             | 1                                      | Г  | П  |              | П               |   |    |  | 84       | T        | T            |                |          |           |          |          | $\Box$          | $\dashv$ |          | 134      | П               | $\neg$        | 1       | $\top$                        | T            | П               |          | $\neg$   |
|             | 35       | H            | $\top$     | t                             | Т                                      | ⇈  | $\vdash$   |              | $\vdash$        |   |    | $\vdash$   | 85       | T        | Т            |                |          | T         | $\dashv$ |          | $\vdash$        | $\dashv$ |          | 135      | $\vdash$        | $\dashv$      | $\top$  | $\top$                        | T            | H               | $\neg$   |          |
|             | 36       | H            | +          | T                             | 1                                      | T  | $\vdash$   |              | $\vdash$        |   |    |  | 86       | 1        | $\vdash$     | -              | $\vdash$ | $\exists$ |          | $\neg$   | $\dashv$        | $\dashv$ | -        | 136      | $\vdash$        | $\dashv$      | $\top$  | T                             | $\vdash$     | Н               | $\dashv$ | _        |
|             | 37       | H            | +          | t                             | $\vdash$                               | +-   | $\vdash$   |              | H               |   |    | <b></b>  | 87       | 1        | $\vdash$     | $\vdash$       | $\vdash$ |           | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | -        | 137      | $\vdash$        |               | +       | +                             | $t^-$        | $\vdash \vdash$ | $\dashv$ | _        |
|             | 38       | H            | +          | $\vdash$                      | $\vdash$                               | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$        | _ |    | $\vdash$   | 88       | +        | $\vdash$     |                | $\vdash$ | H         | $\dashv$ |          | $\vdash$        | $\dashv$ | -        | 138      | $\vdash \vdash$ | +             | +       | +                             | $\vdash$     | H               | $\dashv$ | -        |
| <u> </u>    | 39       | ╫            | +          | $\vdash$                      | +                                      | $\vdash$   | $\vdash$   |              | $\vdash$        |   |    |  | 89       | +        | $\vdash$     |                | $\vdash$ | $\vdash$  | $\dashv$ |          | $\dashv$        | $\dashv$ | -        | 139      | $\vdash$        | +             | +       | ╁╴                            | +-           | $\vdash$        | $\dashv$ | _        |
|             | 40       | ╫            | +-         | +                             | $\vdash$                               | $\vdash$   | _  | $\vdash$     | $\vdash$        |   |    | $\vdash$   | 90       | +        | $\vdash$     | $\vdash$       | $\vdash$ | $\vdash$  | -        |          | $\vdash$        | $\dashv$ | -        | 140      | $\vdash \vdash$ | +             | +       | +                             | $\vdash$     | $\vdash$        | -        |          |
|             |          | ₩            | +          | ╁                             | +                                      | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$        |   |    | $\vdash\vdash\vdash$                             | 91       | +        | $\vdash$     | $\vdash$       | $\vdash$ | $\vdash$  | $\dashv$ |          | $\vdash \vdash$ |          | -        |          | $\vdash \vdash$ |               | +       | +                             | $\vdash$     | $\vdash$        |          | -        |
| <u> </u>    | 41       | H            | +          | ╀                             | 1                                      | ⊢  | $\vdash$   | $\vdash$     | $\vdash$        |   |    | $\vdash$   | 92       | #        | $\vdash$     | -              | Н        | $\vdash$  |          |          |                 | $\dashv$ | <u> </u> | 141      | $\vdash \vdash$ | +             | +       | $\vdash$                      | ⊬            | $\vdash$        | _        | _        |
| <u> </u>    |          | H            | +          | ┼                             | 1                                      | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash\vdash$  |   | Ι. |  |          | +        | ╀            | $\vdash$       | $\vdash$ | $\vdash$  | $\dashv$ |          | $\vdash \vdash$ | $\dashv$ | -        | 142      |                 | -             | +       | +                             | ├-           | $\vdash$        |          |          |
|             | 43       | H            | +-         | +-                            | ₽-                                     | ├-   | 1  | H            | $\vdash$        |   |    | <del></del>                                      | 93       | +        | ₩            | ₩.             | Щ        |           | $\dashv$ | -        | $\vdash$        | -        | <u> </u> | 143      | $\vdash \vdash$ |               | +       | +                             | $\vdash$     | $\vdash \vdash$ | $\dashv$ | _        |
| ļ           | 44       | H            | +          | $\vdash$                      | ┼                                      | $\vdash$   | -  | <b> </b>     | Щ               |   |    | <u> </u>   | 94       | 4        | <del> </del> | <u> </u>       | $\vdash$ | Щ         | _        | _        | $\dashv$        | _        | -        | 144      | $\vdash \vdash$ |               | +       | ₩                             | $\vdash$     | $\vdash$        |          | _        |
| <u> </u>    | 45       | Н            | +-         | ╄                             | +-                                     | ↓_   | ⊢  | Н            | Щ               |   |    | $\vdash \vdash$                                  | 95       | 4        | ├-           | <u> </u>       | $\vdash$ | Щ         |          | ٠.       | $\sqcup$        | _        | <u> </u> | 145      | Щ               |               | +       | ١,                            | ــ           |                 |          |          |
|             | 46       | Ц            | +          | 1                             | 1                                      | ــــ   | <u> </u>   | Щ            | Щ               |   |    |  | 96       | 4        | ┞            | <u> </u>       | $\vdash$ | Ш         | _        |          |                 | _        | ·        | 146      | $\sqcup$        | $\perp$       | $\bot$  | <u> </u>                      | $\vdash$     | Ш               | _        |          |
|             | 47       | Ц            | $\perp$    | ╙                             | 1                                      | _  | Ļ  |              | Щ               |   | l  | ш  | 97       | $\perp$  | <u> </u>     | L              | L.,      |           |          |          | Ш               | _        | <u> </u> | 147      | Щ               | $\dashv$      | $\bot$  | $\perp$                       | $oxed{oxed}$ | Ш               |          |          |
| L           | 48       | Ц            | ╄          | ┖                             | <u> </u>                               | <u> </u>   | <u> </u>   | L.,          | Щ               |   | l  | L  | 98       | 4        | Ļ            | L              | Ш        |           |          | $\Box$   | Ш               | _        |          | 148      | Ш               |               | 1       | L                             | <u> </u>     | Ш               |          |          |
| <u> </u>    | 49       | Ц            | 1          | $oldsymbol{oldsymbol{\perp}}$ | <u> </u>                               | <u> </u>   | <u> </u>   |              | Ш               |   |    | igsquare   | 99       | Ц,       |              |                | Ш        | Ш         |          |          | Ш               | _        |          | 149      | Ш               |               | $\perp$ | _                             | <u></u>      | Ш               |          |          |
| L           | 50       | V            |            | _                             |  | 乚  | <u>L_</u>  | L_           | Ll              |   |    | لـــا  | 100      | V        |              | L_             | L        | Ш         | !        | $\Box$   | <u>L.l</u>      |          |          | 150      | $\sqcup$        |               | $\perp$ |                               |              | Ш               |          |          |
|             |          |              |            |                               |  |  |  | -            |                 |   | _  |  |          |          |              |                |          |           |          |          |                 |          |          |          |                 |               |         |                               |              |                 |          |          |